FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P24871	Application No. 10/781,873
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Takashi MORITA	
		Filing Date February 20, 2004	Group 2872

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J.P.		4,918,306	04/17/90	SAITO			
		4,998,790	03/12/91	IIZUKA et al.			
		5,237,457	08/17/93	OONO et al.			
		5,606,449	02/25/97	NISHIYAMA			
		5,621,552	04/15/97	HAMA			
		5,610,755	03/11/97	OHTSUKA			
		5,418,638	05/23/95	HIRASAWA			
		5,936,756	08/10/99	NAKAJIMA			
		5,307,104	04/26/94	HAMASAKI			
		4,251,149	02/17/81	KIMURA			
J.P.		3,852,601	12/03/74	DUFENDACH			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
J.P.	6	- 148491	05/27/94	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		1	English Language Abstract of JP 6-148491.

EXAMINER	James Pham	DATE CONSIDERED	7/04

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.